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SPED CONSTRUCTION-, AND ROAD-MACHINE BUILDING;
MYD OFFICIAL SCORES QUALITY

PRODUCE 83 NEW TYPES

In the first 6 months of 1949, the Ministry of Construction- and Road-Machine Building has put into production 83 of the 100 new types of machinery planned for the whole year. Among these products are: a 5-ton truck crane on the YaAZ-200 chassis; an experimental 25-ton railroad crane; 10- and 15-cubic-meter scrapers; self-propelled multi-bucket loaders for handling loose materials; 1,200- and 2,400-liter cement mixers; Diesel rams with 1,200- and 600-kilogram hammers; steam rams with 1,130-kilogram hammers; 5,000-liter asphalt spreading machines; 9- and 12-ton rollers; an experimental reinforced-concrete road-building machine; a machine for making slag cotton mats, having a productivity of 2,500 tons per year; plant machinery for the manufacture of dry gypsum stucco (to be produced during the last half of 1949), having a capacity of 4 million square meters per year; a new type of firebrick press, capacity 3,000 bricks per hour, seven of 11 planned electric construction tools; a self-dumping tractor trailer for hauling earth; a 5-ton triple-winch crane derrick.

There are a few snags in the program, however. The "Krasnyy ekskavator" Plant has failed to turn out the experimental irrigation excavator which it was assigned. The Plant imeni Kolyushchenko has long delayed in designing a heavy truck scraper.

Major emphasis in the 39-percent gross-production increase planned for 1949 is to be placed on excavators, bulldozers, scrapers, and cranes.

The ministry completed the fourth year of its Five-Year Plan assignment in May 1949 and is now working on its 1950 program. Gross production during the first half of 1949 was 61 percent higher than in the first half of 1948, and there is every possibility that the ministry will complete the entire Five-Year Plan this year. Output during the second half of the year is to be 24 percent higher than the output planned for the first half.

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CRITICIZES ROAD EQUIPMENT

At a meeting of managerial personnel of the Ministry of Construction- and Road-Machine Building, Lyubyy, chief of the Main Roads Administration of the MVD, criticized the quality of certain pieces of machinery built by the ministry. The bucket elevator, the roller-bushing chains and other parts of the multi-bucket excavator built by the Bryansk Plant were of poor quality and broke down in use. He also singled out rock-crushing machinery and the D-152 asphalt-concrete mixer as being of poor quality.

CHARGE SLOW RECONSTRUCTION

Director Sokhin of the Plant imeni Komintern has sharply criticized the Ministry of Construction of Machine-Building Enterprises for its slow progress in restoring the plant. In 1948 only 47 percent of the planned capital reconstruction was actually carried out. Of a planned 6,000 square meters of living space, only 3,750 square meters were constructed. In 1949, only 71 percent of the restoration planned for the first half year was completed.

Likutin, director of the Crane Plant imeni Yanvarakiy, and several other plant directors of the Ministry of Construction- and Road-Machine Building have also complained of poor construction service from the Ministry of Construction of Machine-Building Enterprises.

NEW TRACTOR SNOWFLOW

The new D-180-b tractor snowplow is built by the "Dormashina" Plant in Shcherbakov, which is under the Ministry of Construction- and Road-Machine Building. It is built on the chassis of the S-80 tractor.

Specifications follow:

Width of moldboard swath (in mm):	
Without lateral blades	3,600
With lateral blades	7,300
Maximum depth of snow plowed (in mm):	1,200
Flowing capacity (in sq m per hr):	
Without lateral blades	8,000-18,000
With lateral blades	16,000-37,000
Dimensions (in mm):	
Length	6,325
Width with blades closed	4,560
Width with blades opened	7,300
Height	2,730
Weight (exclusive of tractor) (in kg):	4,330
Total weight (in tons):	16

In field tests the plow achieved a speed of 3.5 kilometers per hour in first gear while plowing a 3.6-meter swath in snow 0.8-1.2 meters deep. A speed of 6 kilometers per hour was attained in snow 0.4-0.5 meter deep while cutting a 4.5-meter swath.

RAISE EDUCATIONAL LEVEL

The proportion of engineers holding degrees in enterprises of the Ministry of Construction- and Road-Machine Building has risen from 14 percent in 1948 to 22 percent in 1949. Among technicians, 30 percent are now degree holders, as compared with 17 percent in 1948.

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